

What is claimed is:

1                   1. A method of operating a service network connected to an  
2   access network infrastructure shared with other service networks, comprising the  
3   steps of sharing bandwidth allocated between the service networks.

1                   2. A method of operating a service network connected to an  
2   access network infrastructure shared with other service networks, comprising the  
3   steps of using hardware address bridging so that the service networks can manage  
4   layer three operations.